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TITLE : BIODEGRADABLE FERTILIZER BAG

ABSTRACT : PROBLEM TO BE SOLVED: To provide a biodegradable fertilizer bag which is soft and excellent in bleed-out resistance and heat seal strength.

SOLUTION: This biodegradable fertilizer bag is prepared by heat sealing at least one side of a biodegradable film and has a heat seal strength of 15 N/15 mm or higher. The film contains (A) polylactic acid, (B) a biodegradable aliphatic-aromatic copolyester having a glass transition point of 0°C or lower, (C) a plasticizer, and (D) an inorganic filler. The method for producing a biodegradable fertilizer bag comprises heat sealing at least one side of a biodegradable film at 260-280°C in a sealing time of 0.1-1 sec.

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